



FCAB UPDATE

Week of May 3, 1999

(Last Briefing was Dated April 5, 1999)

MEETINGS

FERNALD MONTHLY PROGRESS SPRING TOUR Administration Building Lobby
May 11, 1999, 5:45 p.m.

REMEDIATION COMMITTEE Large Laboratory Conference Room
May 12, 1999, 6:30 p.m.

STEWARDSHIP COMMITTEE Large Laboratory Conference Room
May 19, 1999, 6:30 p.m.

SSAB Transportation Workshop Vernon Manor Hotel
May 21 – May 23, 1999

ATTACHMENTS

- March 11, 1999 Remediation Committee Summary
- March 10, 1999 Stewardship Committee Summary
- Draft minutes from the March 13, 1999 full board meeting
- Summaries from the breakout groups from the 1999 Future of Fernald Workshop
- News Clippings

NEWS and ANNOUNCEMENTS

- Please note a change in scheduling; the **Remediation** Committee Meeting will be held on **May 12, 1999 at 6:30 p.m.** and the **Stewardship** Committee Meeting will be held on **May 19, 1999 at 6:30 p.m.**
- The June **Stewardship** Committee meeting will be held on **June 9, 1999 at 6:30 p.m.**
- A special **Full Board** Meeting will be held on **June 10, 1999 at 6:30 p.m.** The topics of this meeting are the leaks in the leachate system and transportation workshop summary.

FOR FURTHER INFORMATION

Please contact Doug Sarno or Gwen Doddy, Phoenix Environmental Corporation
 Phone: 513-648-6478 or 703-971-0058 Fax: 513-648-3629 or 703-971-0006
 E-Mail: PhnxEnvir@aol.com or DJSarno@aol.com

Topics

- Future of Fernald Workshop
- Living History Project Update

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Attendees

Fernald Citizens Advisory Board (FCAB)

Jim Bierer
Marvin Clawson
Pam Dunn
Ken Moore
Bob Tabor

Department Of Energy (DOE)

Kathi Nickel
Ed Skintik

Fluor Daniel Fernald (FDF)

Lisa Ludwig
Tisha Patton
Joe Shoemaker
Sharon Staton
Eric Woods

Fernald Living History Project (FLHP)

Jim Innis

FRESH

Edwa Yocum

Ohio EPA

Laura Hafer

Phoenix Environmental Staff

Gwen Doddy
Doug Sarno

University of Cincinnati

Steve Depoe

Meeting Summary

Future of Fernald Workshop

The Future of Fernald Workshop will be held on Tuesday, April 20, 1999, from 6:00 p.m. – 9:00 p.m. at Crosby Elementary. The Committee brainstormed about the goals and topics of the workshop. To ensure everyone has a common understanding, Jim Bierer suggested the public should be reminded of several items: the settlement of the lawsuit, the 800-acres of site reserved for environmental restoration, the 23-acres available for development, the conservation park, and the on-site disposal facility. Doug Sarno added that a map of the site, with areas scheduled for remediation highlighted, and a timeline of decisions relating to remediation. These could be used to facilitate a common understanding of the progress of the site.

The settlement from the lawsuit against DOE by the State of Ohio determines that ecological restoration must happen, but does not decide the extent of the public access to the site.

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After a discussion, the members decided the Future of Fernald Workshop should identify those issues that the Board can influence and those they cannot influence. The Committee decided to have small groups, with facilitators, discuss all the topics. Moreover, they decided on the goals and topics of the workshop.

Items that Cannot be Influenced by the FCAB

- OSDF
- Resource Restoration
- Native American Reburial
- Ecological Park

Items that Can be Influenced by the FCAB

- Native American Historical Cultural Center
- Cold War History and Records
- Museum
- Public Use
- Natural Resource Education
- Living History/Local History

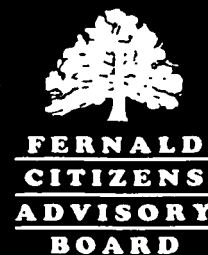
Goals/Topics of Workshop

- Common understanding of what has been decided (5 minute presentations to update, supported by clear handouts).
- Generate public interest/support in the future of Fernald.
- First in a series of broad community workshops to discuss Fernald future use and stewardship issues. Future workshops will be planned as additional decision milestones are reached.

Doug Sarno, Joe Schoemaker, and Sharon Stanton will meet on Friday to develop a one-page flyer for the workshop. This flyer will be distributed to the community, schools, and other community centers.

Fernald Living History Project Update

Jim Innis presented an update on the Fernald Living History Project (FLHP). From public outreach at local events and from employees (past and present), the FLHP has gathered the names of 75 people who are interested in being video-taped. The video taping will begin on April 1. The group decided to rename the project, the new title is Fernald Living History Project Phase One.



Topics

- Discussion of Nuclear Materials Disposition EIS
- Planning for Transportation Workshop

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Attendees

Fernald Citizens Advisory Board

Bob Tabor
Fawn Thompson
Tom Wagner

DOE

Randy Janke
Johnny Reising

Fluor Daniel Fernald (FDF)

Tisha Patton

Ohio EPA

Kelly Keletsky

Phoenix Environmental

Gwen Doddy
Doug Sarno

Meeting Summary

Discussion of Nuclear Material Disposition EIS

Because Gene Willeke could not attend the meeting, he prepared a statement concerning the Environmental Assessment (EA) for the Removal of Nuclear Materials from Fernald. Willeke wants a full-board recommendation to stress the importance of removing the waste from the Fernald Site rather than recommending shipping the material to a specific site. Willeke questioned why the EA evaluated an earthquake and fire scenario, but not damage from wind. Moreover, Willeke questioned why the structural status of individual buildings was not reported in the EA.

Randy Janke answered Willeke's questions and gave a brief overview of the history of the Nuclear Material Disposition. First, Janke answered that standard DOE regulations call for a worst case accident scenario to be reviewed in the EA; therefore, accidents due to earthquake and fire were evaluated in the EA rather than accidents due to winds. Second, Janke answered the concern about the building status. The DOE believes a commercial vendor will take the materials within ten years; therefore, the building structure was not considered in the EA.

Randy Janke told the committee that the Field Office Manager at the Oak Ridge site has the authority to determine a location for Fernald's nuclear materials. The Field Office at Oak Ridge is revising the EA and developing a comment paper. A decision is expected in June and transportation of the materials could also occur in June. Once the materials arrive at the chosen site, Fernald will pay for the maintenance of the materials for two years. After two years, Oak Ridge will pay for the maintenance of the materials until they leave Oak Ridge.

Johnny Reising stated that funding for the nuclear materials is not in the budget, approximately 60 million dollars are needed for the disposition of the nuclear materials and 938 metric tons of nuclear materials that have been declared waste. If Fernald does not receive additional funding, the money will be taken from other projects.



It was decided to develop two recommendations for the full board. One to support the EA and removal of nuclear materials from the Fernald Site. A second to support additional funding to deal with the nuclear materials problem.

Planning for the Transportation Workshop

Sarno updated the Committee on the Transportation Workshop. The Workshop was discussed at the SSAB Chairs meeting on February 20. The Chairs agreed to limit the number of people from each SSAB to ten, with five members and five non-members recommended. They also agreed to event-specific outcomes, one or two statements with signatures of all those who agree with the statements. The facilitators and administrative assistants will hold a series of conference calls to prepare for the workshop.

Next, Sarno reviewed an example of a fact sheet template. The purpose of the fact sheet is to provide information quickly and to have as a reference. The fact sheets will have different topics, e.g. emergency response capabilities, graphs of material disposition, and recommendations. Additional information sheets will be a list of WebPages and other resources on transportation.

Kelly Kaletsky asked Sarno if vendors could set up examples of shipping packages so the attendees could see the packing materials. Because the parking lot at the Vernon Manor is small, Tom Wagner suggested using a parking lot at the University of Cincinnati.

Wagner suggested having a power point presentation with all the possible rail routes from all the sites and lying one route on top another until all were there. Sarno added the power point presentation could be after the welcome and explanation of the workshop.





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Draft Minutes from the March 13, 1999 Meeting

The Fernald Citizens Advisory Board met from 8:30 a.m. until 11:50 a.m. on Saturday, March 13, 1999, at the Large Laboratory Conference Room on the Fernald site. The meeting was advertised in local papers and was open to the public.

Chair
James C. Bierer

Vice Chair
Thomas E. Wagner

Members
Sandy Butterfield
Marvin W. Clawson
Lisa Crawford
Louis Doll
Pamela Dunn
Jane Harper
Darryl D. Huff
Michael Keyes
Kenneth A. Moore
Robert G. Tabor
Fawn Thompson
Gene E. Willeke

Ex Officio
L. French Bell
Jack Craig
Gene Jablonowski
Graham Mitchell

Staff Support
Phoenix Environmental
Douglas J. Sarno
Gwen Doddy
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Members Present

French Bell
Jim Bierer
Sandy Butterfield
Marvin Clawson
Jack Craig
Lisa Crawford
Pam Dunn
Jane Harper
Darryl Huff
Gene Jablonowski
Mike Keyes
Lou Doll
Ken Moore
Graham Mitchell
Robert Tabor
Fawn Thompson
Thomas Wagner

Members Absent

Gene Willeke (excused)

Designated Federal Official

Gary Stegner

Phoenix Environmental Staff

Douglas Sarno
Gwen Doddy

FDF Staff

Tisha Patton
Sue Walpole
Jeff Wagner

Approximately 11 spectators also attended the meeting, including members of the public and representatives from DOE and Fluor Daniel Fernald.

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1. Call to Order

Chair Jim Bierer called the meeting to order at 8:30 a.m.

2. Announcements and New Business

Jim Bierer introduced Lou Doll as new member of the Board, who will replace Dan McElroy. Lou Doll has been a member of the Fernald work force since 1983 and he serves on Community Reuse Organization (CRO) and the Fernald Health Effects Subcommittee. Lisa Crawford motioned to have Lou accepted as a member and Bob Tabor seconded the motion.

Bierer announced the resignation of Ray Wurzelbacher from the CAB. The Steering Committee will meet to find a replacement.

Site-Specific Advisory Board (SSAB) Chairs met in Augusta, Georgia, in February. One of the main focuses of the meeting was the Transportation Workshop. The SSAB representatives gave their comments and opinions about the workshop. Based on those recommendations, the FCAB made revisions to their agenda. Secretary Bill Richardson's letter in support of the opening of the Waste Isolation Pilot Plant (WIPP) was read at the meeting. Public comment period for the WIPP permit ended in January, public hearings will conclude this month and the permit should be issued in either June or July.

Oak Ridge's Stewardship Committee presented their final report on stewardship. Because of their work on the subject, Oak Ridge volunteered to host a SSAB workshop on stewardship in the fall. Bierer has sent a letter to Bill Pardue, their Chair, in support of the workshop.

Bierer opened the floor to comments from DOE, Agency for Toxic Substances and Disease Registry (ATSDR), U.S. EPA, and Ohio EPA. French Bell distributed a summary of an ATSDR progress report. Bell will give the full report to anyone who wants it. Bell did place a copy of the full report in the Fernald reading room.

3. Site Progress and Issues:

- Leachate Piping Leaks
- First Waste Load-out
- Waste Shipping Resumption
- Safe Shutdown Completion

Jack Craig updated the Board on site progress. Secretary Bill Richardson is coming to the site to celebrate the completion of safe shutdown. Waste shipment should restart in mid-April, DOE Fernald is waiting for DOE Headquarters permission to restart.

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Dennis Carr updated the Board on the first waste load-out of the waste pits project, which occurred in February. The first phase consists of lesser-contaminated materials, which are currently stock-piled. Shipments of stock-piled material should begin in April. Shipment for materials from Pit #3 should begin in June, when the dryers are operational to begin dealing with higher moisture content materials.

Lisa Crawford asked if the concerns over the railroad crossings have been addressed. Due to the merging of the companies CXS and Conrail, Carr stated there might another rail route; thereby, eliminating the concern over some of the local routing. Sarno asked if another meeting with the stakeholders from Hamilton County could be arranged to inform them about the rail routes. Carr agreed.

Carr updated the CAB about Leachate Piping Leaks. The leachate pipes comprised of a double pipe, a six-inch pipe inside a ten-inch pipe. Pieces of each pipe are fused together at the joints either by electro-fusion or welding to make a seamless pipe. Manholes are used to monitor the pipes. A monitor crew discovered a leak at manhole #3. From a series of tests, the crew discovered four leaks in the pipes: two leaks in the inner pipe and two leaks on the outer pipe. Until the leaks are repaired, the water will be trucked from the point of the leak to the lagoon. A team is investigating the leaks and their report should be complete by next week. As a result of the leaks, inspections of the manholes will increase and pipe joints will be electro-fused and welded, to insure a tight seal.

Bierer asked how much liquid leaked out of the system. Carr replied due to the double piping and the slight cracks in the pipe, no liquid leaked out of the system.

4. Transportation Workshop Update

Sarno updated the CAB about the Transportation Workshop, which will be held May 20-23rd at the Vernon Manor. Registration packets were distributed at the SSAB Chairs meeting. Each SSAB will be limited to ten people, five board members and five non-members is suggested. Sarno is working with the other SSABs to inform participants of the expectations. At the Chairs meeting, they decided to create recommendations based upon discussion at the workshop. All attendees, who agree with the statements, will sign these recommendations. Sarno will develop templates for the fact sheets to assist the other SSABs in creating their own fact sheets. These fact sheets will be distributed to attendees at the workshop as a reference.

Sarno asked how many members thought they would attend the workshop. He emphasized the importance of attending the entire workshop and the members need to register for the events. Approximately ten members said they were interested in attending the entire workshop.

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5. Nye County Request for Support

- Remediation Committee Letter
- Full Board Action

In February, representatives from Nye County, Nevada, visited the site and expressed concerns about their ability to respond to an emergency involving the shipments to Nevada Test Site (NTS). The representatives requested equipment to assist them with their emergency response. The Remediation Committee drafted a letter in support of the Nye County request for equipment. Sarno drafted a recommendation from the full board, also in support of the Nye County request.

The CAB reviewed Recommendation #99-1, supporting the Nye County request for equipment. After a discussion, minor changes were made to the recommendation. Tom Wagner motioned to accept it, and Ken Moore seconded. The recommendation passed by a majority vote (one person did object to the recommendation).

6. Future of Fernald Workshop Planning

Ken Moore, Marvin Clawson, and Doug Sarno attended the Natural Resource Working Group Meeting on Thursday. The settlement of the OEPA lawsuit against DOE determined there will be natural resource restoration; however, it did not determine the public's access to the site. The Natural Resource Working Group is attempting to determine the public access to the site. At the meeting on Thursday, the attendees developed a plan to have a bike/walking trail around the site, which may be connected to the Miami White Water. There could be smaller self-guided loop trails focusing on different topics, such as the Cold War or Native Americans.

7. Nuclear Materials Disposition Recommendation

- Overview of Environmental Assessment (EA)
- Comments on EA
- Recommendation on Funding

Sarno gave an overview of the EA to the board. Four site options are available for the nuclear materials. The site identified will serve as interim storage until a commercial vendor is identified. The DOE expects to find a buyer in the next ten years.

The CAB reviewed Recommendation #99-3, commenting on the Environmental Assessment of Oak Ridge Operation's receipt and storage of uranium materials from Fernald. The recommendation focuses on the importance of removing the material from Fernald and safely transferring it to a site where stakeholders have been involved in the process.

After a discussion, it was decided that the recommendation will be re-worded to emphasize that nuclear materials must be removed from the Fernald site in order to

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finish remediation. Before sending them, Bierer and Wagner was desingated to approve the final wording of the recommendations. Ken Moore motioned to approve the recommendation, and Bob Tabor seconded the motion. The recommendation was approved.

Next, the Board reviewed recommendation #99-2, which requests addition funds from Congress and DOE for the disposition of nuclear materials. With some changes, the recommendation was approved. Crawford motioned to approve the recommendation and Tabor seconded.

8. Silos Proof of Principle and Radon

Because of snow, Nina Akgunduz's briefing, scheduled for the Tuesday public meeting, was canceled. She gave a condensed presentation based upon the briefing on the silos 1 and 2 proof of principle program and radon. In February, FDF reviewed the primary draft of the cost analysis for the proof of principle. The parameters that were evaluated were:

- disposal volumes;
- process control;
- ability to meet waste acceptance criteria;
- scale-up;
- secondary wastes;
- off gas;
- shipping packaging requirements.

US EPA and Ohio EPA were present for the proof of principle. Four processes were evaluated. Each of these processes has positive and negative aspects.

It was asked if all the bidders had experience handling nuclear material. Akgunduz answered yes, part of the requirements for the bid was previous experience in handling nuclear materials.

Foster Wheeler and their teaming partners (COGEMA, Grey Pilgrim, Oceaneering, Battelle, XL Associates) were awarded the contract for waste retrieval from silos 1 and 2. Foster Wheeler created a mockup retrieval system, which enabled the workers to have training drills.

9. Acceptance of Resignations

After Akgunduz finished, Bierer asked for a motion to accept the resignation of Ray Wurzelbacher and Dan McElroy. Tabor motioned to accept and Lisa seconded the motion.

Bierer reminded everyone that the next meeting of the Board will be in July and a revised FCAB schedule is in the packet of information.

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10. Public Comment

Bierer opened the floor to public comment.
There was no public comment.

11. Adjournment

Jim Bierer adjourned the meeting at 11:50 p.m.

I certify that these minutes are an accurate account of the
March 13, 1999, meeting of the Fernald Citizens Advisory Board.

James Bierer, Chair
Fernald Citizens Advisory Board

Date

Gary Stegner
Designated Federal Official

Date